What are communicable diseases?

Epidemiology

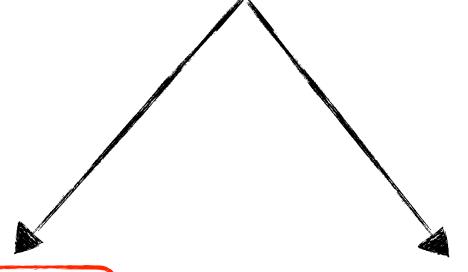
The study of the <u>external processes</u> that lead to disease (*Epi + Demos*: Upon the people)

Infectious disease

Generated by an <u>organism</u> (obeys Koch's postulates)

Non-infectious disease

Generated by an <u>environmental hazard</u> or other natural physiologic process



Communicable

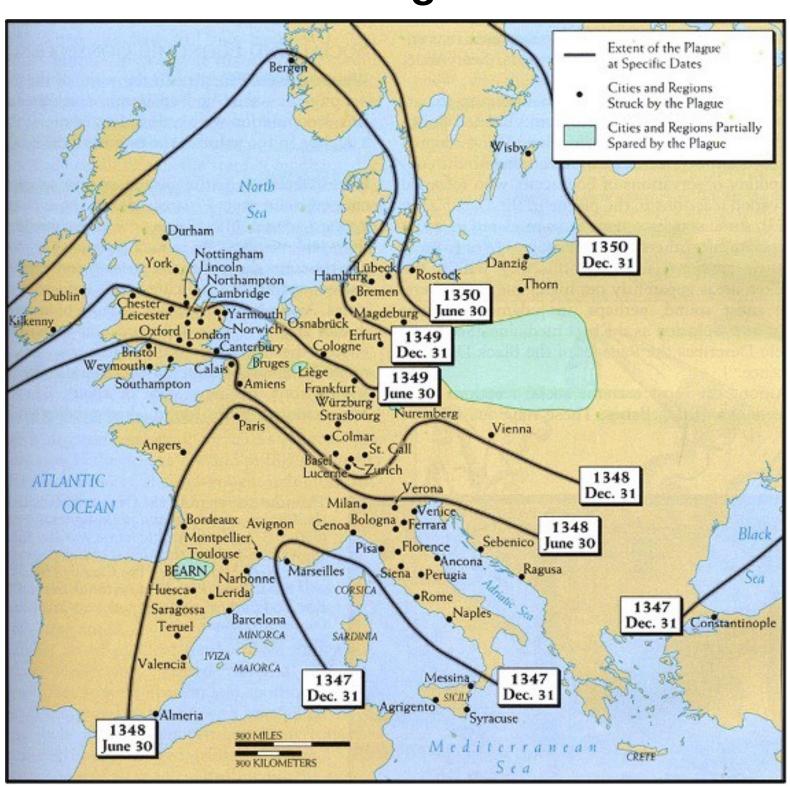
Spread principally <u>between people</u> (COVID-19, influenza, HIV)

Non-communicable

Acquired principally <u>from the environment</u> (Tetanus, botulism)

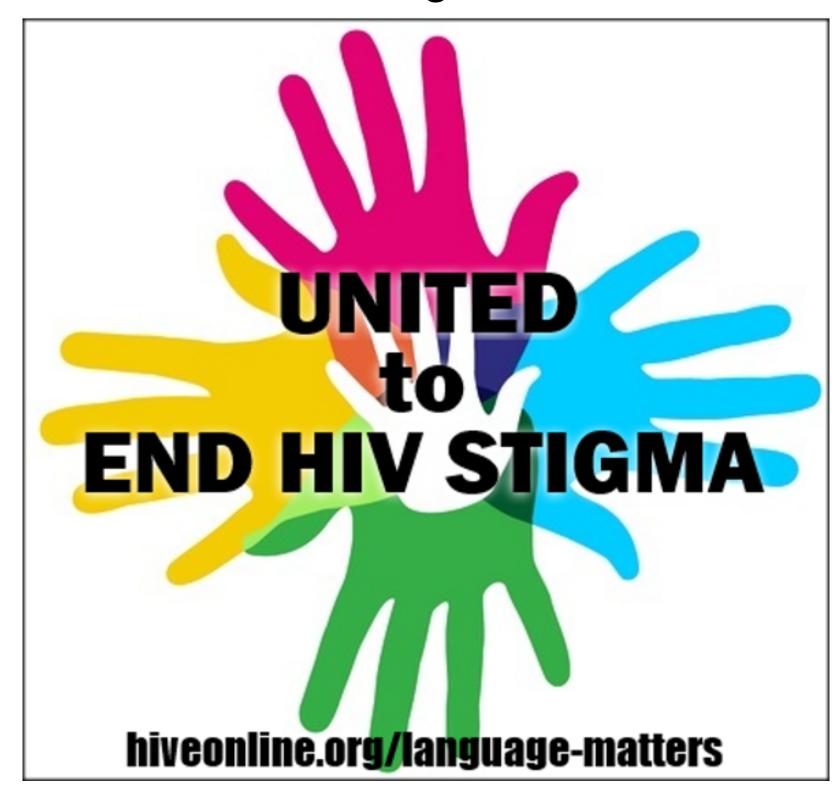
Why do communicable diseases matter?

Historical significance



https://commons.princeton.edu/mg/spread-of-the-black-death-in-the-fourteenth-century/

Cultural significance



https://hiveonline.org/language-matters/

Prevention & Preparedness



https://www.cdc.gov/forecast-outbreak-analysis/index.html